

Project Design Phase-I
Proposed Solution

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| Date | 13 October 2022 |
| Team ID | PNT2022TMID15265 |
| Project Name | Visualizing and Predicting Heart Disease using Interactive Dashboard |
| Maximum Marks | 2 Marks |

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

| S.No. | Parameter | Description |
|-------|--|---|
| 1. | Problem Statement (Problem to be solved) | ➤ To develop an interactive dashboard to predict the heart disease accurately with few tests and attributes the presence of heart disease. |
| 2. | Idea / Solution description | ➤ Analyzing data and identifying the heart disease using Cognos analysis. |
| 3. | Novelty / Uniqueness | ➤ Hoping to achieve maximum accuracy to provide prior treatment to the patients and reduce the fatality rate. |
| 4. | Social Impact / Customer Satisfaction | ➤ Saving lives, User friendly interactive dashboard. ➤ Reduces the exorbitant medical cost of the patients. ➤ Reduces the biases and mistakes caused by the decisions of doctors based on their intuitions and experiences. |
| 5. | Business Model (Revenue Model) | ➤ Data security. ➤ Easy to use. ➤ Constant updates according to necessity. |
| 6. | Scalability of the Solution | ➤ Can be used in any platform (Windows, mac, etc.,) ➤ Adding new feature doesn't affect the performance of the system. ➤ Scalable dataset. |